**Key Features**
- Low, ultra low, and zero shrink yarn available
- Precision wound for optimal speeds
- Single & dual ends available
- Low dust
- Replace messy gels

**FIBER-LINE® FIBERS FOR WATER BLOCKING YARN**
- Kevlar® Para-Aramid
- PET Polyester (Standard, Low, Ultra Low Shrink)
- Vectran® Liquid Crystal Polymer (LCP)
- Fiberglass

**FIBER-LINE® PERFORMANCE ADDING COATINGS**
- Swellcoat®:
  - Water Absorbing Protection
- Swellcoat® Blocker:
  - Block Water Migration
- FIBER-LINE® Repelcoat™:
  - Water Repellency
- FIBER-LINE® Blockcoat™:
  - Anti-wick/Non-wick water penetration

**Overview**
- Swellcoat® impregnated fibers are an efficient means of introducing SAP (Super Absorbent Polymer) into the fiber optic cable. Swellcoat® binder and filler yarn from FIBER-LINE® are an excellent means of producing a “dry cable” design.
- Swellcoat® Blocker is lower level water-blocking finish for any technical fiber or textile substrate. Swellcoat® Blocker products provide water-blocked strength reinforcements for dry cable designs and can absorb up to 15x its weight.
- FIBER-LINE® also produces flat, uncoated binder yarn supplied in precision wound packages to yield the greatest length per package and to ensure solid package stability and minimum ballooning at speeds reaching 4000 rpm’s. FIBER-LINE® has developed binder products that exceed the industry standards.

**Packaging**
FIBER-LINE® Water Blocking Yarn are supplied on a variety of cardboard tubes to meet your equipment needs. Contact us today with tube dimensions you require. Packages can be supplied on colored, embossed and/or slit tubes. Plastic or metal reels are also available.
<table>
<thead>
<tr>
<th>Product ID</th>
<th>FIBER-LINE® Coating</th>
<th>Base Fiber</th>
<th>Absorption Capacity</th>
<th>Break Strength</th>
<th>Yield</th>
<th>Geometry</th>
<th>Avg. Crosssectional Dimensions</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P150LS/SC-3</td>
<td>Swellcoat®</td>
<td>Low Shrink PET Polyester</td>
<td>45.0 g/g</td>
<td>2.5 Lbs (1.1 KGs)</td>
<td>48780 FT/LB (32777 M/KG)</td>
<td>Flat</td>
<td>Width = .35 mm Thickness = .11 mm Equiv. Ø = .22 mm</td>
<td>Water swellable buffer thread</td>
</tr>
<tr>
<td>P250LS/SC-5</td>
<td>Swellcoat®</td>
<td>Low Shrink PET Polyester</td>
<td>75.0 g/g</td>
<td>4.2 Lbs (1.9 KGs)</td>
<td>24810 FT/LB (16660 M/KG)</td>
<td>Flat</td>
<td>Width = .48 mm Thickness = .15 mm Equiv. Ø = .32 mm</td>
<td>Water swellable buffer thread</td>
</tr>
<tr>
<td>P500LS/SC-A10</td>
<td>Swellcoat®</td>
<td>Low Shrink PET Polyester</td>
<td>80.0 g/g</td>
<td>6.8 Lbs (3.1 KGs)</td>
<td>13404 FT/LB (9005 M/KG)</td>
<td>Flat</td>
<td>Width = .75 mm Thickness = .24 mm Equiv. Ø = .43 mm</td>
<td>Low shrink binder yarn Filler yarn</td>
</tr>
<tr>
<td>P1500LS/SC-26</td>
<td>Swellcoat®</td>
<td>Low Shrink PET Polyester</td>
<td>70.0 g/g</td>
<td>27 Lbs (12.2 KGs)</td>
<td>5190 FT/LB (3480 M/KG)</td>
<td>Flat</td>
<td>Width = 2.25 mm Thickness = .20 mm Equiv. Ø = .69 m</td>
<td>Low shrink binder yarn Filler yarn</td>
</tr>
<tr>
<td>K1000/SC-15</td>
<td>Swellcoat®</td>
<td>Kevlar®</td>
<td>66.0 g/g</td>
<td>44.8 Lbs (20.3 KGs)</td>
<td>8500 Ft/LB (5640 M/KG)</td>
<td>Flat</td>
<td>Width = 1.30 mm Thickness = .20 mm Equiv. Ø = .53 m</td>
<td>Zero shrink binder yarn</td>
</tr>
</tbody>
</table>

This data is provided for informational purposes only, and does not constitute a specification. FIBER-LINE® makes no warranty, express or implied, that the product conforms to these values. Contact your FIBER-LINE® representative for exact product details which conform to your specific requirements.
For over 25 years, FIBER-LINE® has provided science-driven expertise that improves the performance and the end-use processing of high performance fibers. Our products enable the search for new energy reserves and extend the life of fiber optic telecommunication cables. They also add important characteristics, such as SWELLCOAT® water-blocking, water repellence, adhesion, color, and wear and UV-resistance to these and many other applications. We believe that our ongoing commitment to protect the environment, to remain at the forefront of fiber and coating technology, and to ‘treat others as we want to be treated’ will continue to drive the success of our customers, shareholders, and employees.